

#4 Attach

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| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. GENAPP.002RA | APPLICATION NO. 09/404,979 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) | | APPLICANT T. Venkat Gopal | |
| | | FILING DATE September 22, 1999 | |
| | | GROUP 1745 1636 | |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
|---------------------|-----------------|----------|--------------------|----------------|---------------|---------------------------------|
| <i>me</i> | 5,977,084 | 11-2-99 | SZOKA, JR., ET AL. | 514 | 44 | 6-7-95 |
| <i>↓</i> | 5,990,089 | 11-23-99 | SZOKA, JR., ET AL. | 514 | 44 | 6-7-95 |
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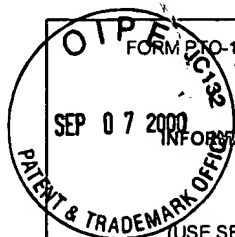
FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
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| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |
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| EXAMINER <i>Mikeley</i> | DATE CONSIDERED <i>5/15/01</i> |
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. | |



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
GENAPP.002RAAPPLICATION NO.
09/404,979INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
T. Venkat GopalFILING DATE
September 22, 1999GROUP
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
|---------------------|-----------------|----------|-------------|-------|----------|---------------------------------|
| me | 5,994,109 | 11/30/99 | Woo, et al. | | | |
| ↓ | 6,033,884 | 03/07/00 | Woo, et al. | | | |
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |
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| | A. Kaneda, Y., Iwai, K., and Uchida, T. (1989) Increased Expression of DNA Co-introduced with Nuclear Protein in Adult Rat Liver. Science 243, 375-378. |
| me | B. Haensler, J., and Szoka, Jr., F.C. (1993) Synthesis and Characterization of a Trigalactosylated Bisacridine Compound to Target DNA to Hepatocytes. Bioconjugate Chem. 4, 85-93. |
| | C. Citovsky, V., et al., (1992) Nuclear Localization of Agrobacterium VirE2 Protein in Plant cells. Science 256, 1802-1805. |
| me | D. Rosenkranz, A.A., et al., (1992) Experimental Cell Res. 199, 323-329. |

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citationdup.
Citation

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| EXAMINER | <i>Teng & Mc Kibbey</i> | DATE CONSIDERED | 5/16/01 |
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| | FILING DATE September 22, 1999 | GROUP 1636 |

| U.S. PATENT DOCUMENTS | | | | | | | |
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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
| Tmc | | | 4-14-00 | BAIRD ET AL. | 514 | 44 | 9-24-96 |
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| EXAMINER | Tmc Kervy | DATE CONSIDERED | 5/16/01 |
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. | | | |

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| | APPLICANT T. Venkat Gopal | | |
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| U.S. PATENT DOCUMENTS | | | | | | | |
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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
| Tme | 1 | 5,547,932 | 8/20/1996 | Curtel et al. | | | |
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| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | |
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| Tme | 2 | L. Stryer, Biochemistry, 3rd Ed. Freeman & Co., NY, 1988 (p. 18-20, and 28-29) |
| | 3 | J. S. Huston et al, Protein Engineering of Single-Chain Fv Analogs and Fusion Proteins, Methods In Enzymology, 1991, 203:46-88 |
| | 4 | P. Argos, An Investigation of Oligopeptides Linking Domains In Protein Tertiary Structures and Possible Candidates for General Gene Fusion, 1990, Mol. Biol., 211: 943-958 |
| | 5 | J. S. Huston et al, Protein Engineering of antibody binding sites: Recovery of specific activity In an anti-digoxin single-chain Fv analogue produced in Escherichia coli; 1988, Proc. Natl. Acad. Sci USA, 85: 5879-5883. |
| ✓ | 6 | P. A. Silver, How Proteins Enter the Nucleus, 1991, Cell, 64:489-497 |

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Attach #16 1/2
SHEET 1 OF 1

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| me | | WO 94/04698 | 3/3/94 | WIPO | | | | |
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